

All models

**Parking brake adjusting specifications**

Model	107	124 129 through 09/89	124 129 starting 10/89	126	140	201 through 01/87	201 starting 02/87
Number of notches at which parking brake should be adjusted if no adequate braking effect is felt	2	4	5	4	5	2	3

If parking brake does not apply as specified, adjust (refer to SMS Job No. 42-540) on separate order.

Measure effectiveness of the parking brake on dynamometer.

**Note:** Before measuring effectiveness, break in parking brake. Observe the following:

**When actuating the parking brake, the ratchet of the pedal or lever should not be allowed to engage.**

The parking brake can be broken in using the following methods:

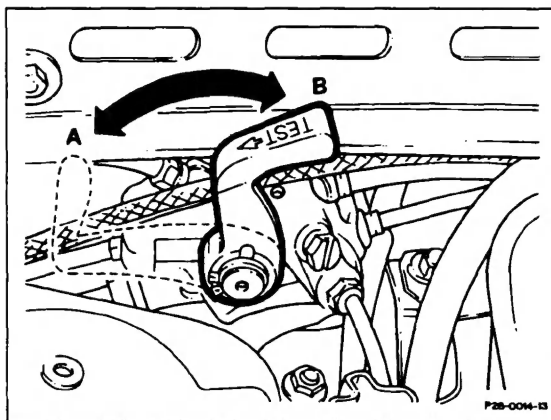
- During a test drive on a dry road at a speed of approx. 50 km/h, apply parking brake 2 to 3 times with a force of 100-200 N for pedal operated parking brake and 80-160 N for lever operated parking brake. Brake vehicle to a stop while observing any traffic behind vehicle since stop lamps do not light.
- At a constant speed of approx. 50 km/h on a dynamometer, apply parking brake for 10 seconds at a max. of 100 N for pedal operated parking brake and at 80 N for lever operated parking brake.

### ⚠ WARNING!

On vehicles with **4MATIC**, the system must be shut off before operating vehicle on dynamometer.

On vehicles with **4MATIC** up through 04/91 production, set service switch located on right side in engine compartment to test position (A) when operating vehicle on dynamometer.

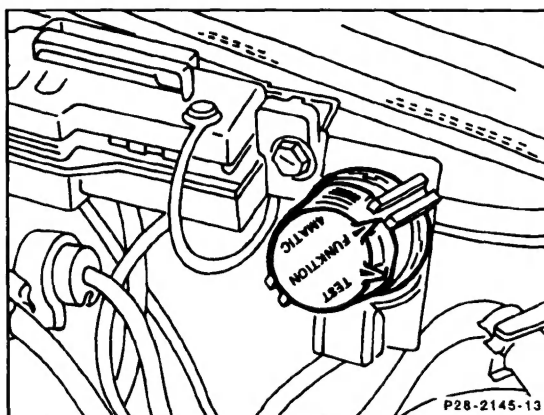
up through 04/91



On vehicles with **4MATIC** starting 05/91 production, the switch (located on the right inner side of the component compartment wall) must be switched from the FUNKTION position to the TEST position. Pull the round cover out, turn and reinsert in the TEST position.

The ignition must be off when setting the switch back to the FUNKTION position, otherwise the 4MATIC warning lamp will not go out.

starting 05/91



- On chassis dynamometer, operate vehicle at a constant speed of 50 km/h (3rd gear). Apply parking brake for 10 seconds at a constant force of 100 N for pedal operated parking brake and 80 N for lever operated parking brake. Do not exceed specified force.

The break in procedure can be repeated after the brakes have been allowed to cool off.

### Service brakes

Check free travel of brake pedal. At a force of approx. 200 N, the brake pedal should be halfway through the total travel. Perform test with vacuum assist from running engine.